

Introduction

The gantry you see on the front cover was pulled down by an over-height lorry crane along Sunset Way in November 2006. The driver travelled on the road without fully retracting the boom. Fortunately, no one was injured.

Incidents like this happen frequently. From 2000 to 2006, there were 111 cases of vehicles hitting road structures such as pedestrian overhead bridges, gantries and covered walkways. 68% of the known cases involved drivers who forgot to retract the cranes fitted on their lorries before driving off.

We hope that the advice provided in this brochure will help to reduce the number of these accidents.



Part of the lorry crane's arm was damaged as a result of collision with a pedestrian overhead bridge at Bishan Road.

Consequences of over-height vehicles colliding with road structures

An accident like this in which a vehicle collides with a road structure is potentially dangerous and costly.

Dangerous because:

- the driver may be killed or may suffer physical/psychological injury
- passengers may be killed or seriously injured
- it can be fatal to other drivers and members of the public
- it can be fatal to users of the road structures, e.g. pedestrian overhead bridges



Damaged pedestrian overhead bridge after collision

Costly because:

- your company will be liable for the cost of the incident including inspection of structures by professional engineer(s), repairing the damaged structure and vehicle recovery
- your company will pay for the damages to the vehicle and be liable for injury claims
- your company may also be liable for prosecution
- your company may lose business as the vehicle and driver are off the road
- your company could be required to pay higher insurance premiums



Actions to take before the journey

- Check that the crane fitted on your lorry is fully retracted



Lorry with crane partially retracted



Lorry with crane fully retracted

- Apply for a police escort if the overall vehicle height exceeds 4.5m
- Plan and select your route in advance to ensure that your vehicle height does not exceed the height limit of any road structure along the way

Actions to take during the journey

- Obey height limit signs
- Drive safely within the vehicle speed limit*
- Stop and seek advice on alternative route if and when you:
 - are diverted from your planned route
 - are lost or become disorientated
 - realise that your route is obstructed by a road structure lower than the height of your vehicle

*Note: Under the law, every goods vehicle having a maximum laden weight exceeding 12,000kg has to be fitted with a speed limiter, so that the heavy vehicle will not exceed the speed of 60km/h. Any person who tampers with the speed limiter or drives a heavy vehicle with a faulty speed limiter can be fined up to \$1,000 or jailed up to 3 months.

Actions to take in the event of an accident

- Stop the vehicle immediately
- Switch on the hazard lights of the vehicle to warn others
- Render necessary assistance and call for an ambulance if someone is injured
- Call 999 and wait at the scene for the Police to arrive

Responsibilities of owners to prevent accidents

- Provide each driver with a list of height limits of road structures
- Install a crane warning buzzer, where an audible alarm will be activated if the vehicle moves without retracting the crane
- Advise drivers of road closures or diversions and provide guidance of alternative routes to take
- Ensure that drivers are provided with guidance and advice should they need help along the way
- Ensure schedules should not cause the driver pressure, stress or fatigue as this may increase the risk
- Include the prevention of hitting road structures in training programmes and safety briefings for all drivers and staff

The list of road structures with height limit restrictions and road closures or diversions are available at:

www.onemotoring.com.sg
 >> On-the-Roads
 >> Road Facilities
 >> Height Limit for Heavy Vehicles

No.	Location	Restriction	Height	Remarks
1	Amoy Road - Tuong Road - River View	Police	5.17	
2	Amoy Road - Central Bus	Police	5.17	
3	Amoy Road - UJ 24	Police	5.17	
4	Amoy Road - New Straits Road	Police	5.17	
5	Amoy Road - Tropic Cruise Centre (UJ 25)	Police	5.17	
6	Amoy Road - UJ 24 (Police Station)	Police	5.17	
7	Amoy Road - Police Station	Police	5.17	
8	Amoy Road - Amoy Road	Police	5.17	
9	Amoy Road - UJ 24 (Police Station)	Police	5.17	
10	Amoy Road - UJ 24 (Police Station)	Police	5.17	
11	Amoy Road - UJ 24 (Police Station)	Police	5.17	
12	Amoy Road - UJ 24 (Police Station)	Police	5.17	
13	Amoy Road - UJ 24 (Police Station)	Police	5.17	
14	Amoy Road - UJ 24 (Police Station)	Police	5.17	
15	Amoy Road - UJ 24 (Police Station)	Police	5.17	
16	Amoy Road - UJ 24 (Police Station)	Police	5.17	
17	Amoy Road - UJ 24 (Police Station)	Police	5.17	
18	Amoy Road - UJ 24 (Police Station)	Police	5.17	
19	Amoy Road - UJ 24 (Police Station)	Police	5.17	
20	Amoy Road - UJ 24 (Police Station)	Police	5.17	
21	Amoy Road - UJ 24 (Police Station)	Police	5.17	
22	Amoy Road - UJ 24 (Police Station)	Police	5.17	
23	Amoy Road - UJ 24 (Police Station)	Police	5.17	
24	Amoy Road - UJ 24 (Police Station)	Police	5.17	
25	Amoy Road - UJ 24 (Police Station)	Police	5.17	

Rule of Thumb

Retract the lorry crane's boom before driving off!

开车前请收回起重机吊臂!

What is the law?

Under Section 65A of the Road Traffic Act, any person who, when driving or attempting to drive a heavy motor vehicle causes the vehicle to collide with any building or structure, shall be guilty of an offence and shall be liable:

- On conviction, to a fine not exceeding \$5,000 or to imprisonment for a term not exceeding 2 years or to both;
- In the case of a second or subsequent conviction, to a fine not exceeding \$10,000 or to imprisonment for a term not exceeding 5 years or to both.

Under Section 79 of the Road Traffic Act, any person who drives or causes to be driven on any road a heavy motor vehicle the overall height of which exceeds 4.5m without being escorted by a police officer or an auxiliary police officer shall be guilty of an offence. A person guilty of the offence shall be liable on conviction for a first offence:

- To imprisonment for a term of not less than 1 year and not more than 3 years and, in addition, to a fine not exceeding \$2,000;
- Be disqualified from holding or obtaining a driving licence for a period of not less than 1 year.

If you require more copies of this brochure or have any enquiries, please call the LTA Customer Service Hotline at 1800-CALL LTA (1800-2255 582).

Printed Date: 27/08/2007

如何避免撞毀公路设施

卡车起重机车主与司机应有的知识与责任



简介

2006年11月在斜阳大道的高架指示牌（封面图）被卡车上的起重机撞毁。事因司机没有把起重机的吊臂收好就到公路上行驶。幸亏无人在这起意外事件中受伤。

从2000年至2006年，总共有111起卡车起重机撞毁公路设施的事件发生。被撞毁的公路设施包括行人天桥、公路闸门、高架交通指示牌、有盖走道等等。造成这类事件的主要原因是68%的司机在出发前没有把起重机吊臂收好。

我们希望这本小册子所提供的资料能帮助您自己、公司或司机避免以上意外事件的发生。



卡车上的起重机吊臂在碧山路撞毁行人天桥后受损的情形。

过高车辆撞毁公路设施的后果

车辆因过高而撞毁公路设施，不仅危害自己与他人的性命，而且也使自己与公司遭受严重损失。

危害自己与他人的性命：

- 司机在生理/心理上受创伤，严重者可能丧命
- 乘客也可能受重伤或丧命
- 危害其他司机或公众，造成严重伤亡
- 对行人构成生命危险，例如使用行人天桥的人



行人天桥被撞后毁坏不堪

您或公司必须承担的经济损失包括：

- 意外所造成的经济损失如聘请专业工程师检查结构、修补受损部分、动员抢救车辆等
- 修理损坏车辆的费用及面对伤者的索赔
- 被警方提控的可能
- 因车辆和司机暂停服务而影响业务
- 缴付较高的保费

出发前司机必须注意事项

- 检查卡车上的起重机吊臂以确保它已完全收好



卡车起重机的吊臂只收回一部分



卡车起重机的吊臂完全收回

- 若卡车高度超过4.5米须申请由交警护送
- 预先计划并选择路线，以确保车辆高度不会超过沿途任何公路设施的高度限制

途中司机须注意事项

- 遵守指示牌上的高度限制
- 在车辆行驶速度限制范围内安全驾驶*
- 在以下情况下停车并寻求援助：
 - 当您偏离所计划的路线时
 - 当您迷失方向时
 - 当您发现自己所计划的路线因车辆过高、公路设施过低而受阻时



*注：按照法律，每辆载重量超过1万2,000公斤的货车必须装置时速限制器以防时速超过每小时60公里。任何擅自修改时速限制器或驾驶装置不当时速限制器者可被罚款高达1,000元或被监禁长达3个月。

意外发生时司机须采取的步骤

- 立刻停车
- 亮起危险信号灯以提醒其他车辆注意
- 给予伤者必要的帮助并电召救护车
- 拨电999并在现场等候警方人员到来

车主的责任

- 为每名司机提供公路设施高度限制清单
- 装置起重机声音警报器，以便车辆在起重机还未收妥前即开动时发出警报声响
- 道路关闭或改道时及时提醒司机并指导他们选择替代路线
- 确保司机沿路需要帮助时获得正确指示
- 确保工作安排不会给司机带来压力或疲劳
- 在司机和职员培训课程和安全讲解中加入避免撞毁公路设施单元

欲知车辆高度限制的公路结构与道路关闭或改道详情，

请登录：

www.onemotoring.com.sg

>> On-the-Roads

>> Road Facilities

>> Height Limit for Heavy Vehicles

查阅。

路名	设施/障碍物	限制高度	备注
1	安南路-勿拉士路-勿拉士路	4.5	0.17
2	安南路-勿拉士路	4.5	0.17
3	安南路-勿拉士路	4.5	0.17
4	安南路-勿拉士路	4.5	0.17
5	安南路-勿拉士路	4.5	0.17
6	安南路-勿拉士路	4.5	0.17
7	安南路-勿拉士路	4.5	0.17
8	安南路-勿拉士路	4.5	0.17
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22	安南路-勿拉士路	4.5	0.17
23	安南路-勿拉士路	4.5	0.17
24	安南路-勿拉士路	4.5	0.17
25	安南路-勿拉士路	4.5	0.17

请记住：

Retract the lorry crane's boom before driving off!

开车前请收回起重机吊臂！

相关法律

按照公路交通法令第65A节，凡在驾驶或尝试驾驶重型车辆时撞毁任何建筑物或设施者均属犯法。

处罚如下：

- 定罪时罚款不超过5,000元或入狱不超过两年或两者兼施；
- 第二次或多次重犯者罚款不超过1万元或入狱不超过五年或两者兼施。

按照公路交通法令第79节，凡在无警方或辅助警方人员护送下在公路上驾驶或令别人驾驶总高度超过4.5米的重型车辆者均属犯法。

初犯者将遭受以下处罚：

- 入狱不少过一年但不超过三年，外加不超过2,000元罚款；
- 驾驶执照被吊销或不得领取驾驶执照不少过一年。

若需要多本小册子或有疑问，请拨陆路交通管理局客户服务热线1800-CALL LTA (1800-2255 582) 询问。

出版日期：2007年8月27日

Prevent Road Structure Collisions

Responsibilities of Lorry Crane Owners and Drivers

